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ABSTRACT

This paper summarizes information reported by states for the 1984-1985 school year on supply of and demand for personnel necessary for implementation of the Education of the Handicapped Act. Following a narrative section which synthesizes the statistics, tables give data for numbers of teachers needed and employed, broken down by handicapping condition and divided among 55 states and insular areas. Forty-seven percent of special education teachers provided services in special classes, 37% in resource rooms, 13% in itinerant consulting environments, and 3% in home-hospital environments. Demand data indicate that teachers are needed in almost exactly the same proportion in each setting as those in which they are currently employed. Tables also give similar data for school staff other than special education teachers. (PB)

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NINTH ANNUAL REPORT TO CONGRESS ON THE IMPLEMENTATION OF THE EDUCATION OF THE HANDICAPPED ACT [Public Law 94-142], 1987.

SUMMARY OF INFORMATION ON THE SUPPLY OF AND DEMAND FOR PERSONNEL

Reporting Data on the 1984-85 School Year

Annual reports to the U.S. Congress, prepared by the Office of Special Education and Rehabilitative Services, present a wide variety of data on the status of special education in the states and as a national aggregate. Among these data are reports on numbers of teachers and other personnel employed and needed.

The information in this paper is from the Ninth Annual Report to Congress. It refers to personnel issues for the 1984-85 school year. Text and tables are taken from the report, and table numbers reflect the tabular sequence in the report itself.

CITATION

Division of Innovation and Development/Office of Special Education Programs. (1987). Ninth annual report to Congress on the implementation of the Education of the Handicapped Act. Washington, DC: U.S. Department of Education, Office of Special Education and Rehabilitative Services.

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NINTH ANNUAL REPORT TO CONGRESS ON THE IMPLEMENTATION OF THE EDUCATION OF THE HANDICAPPED ACT, 1987

Office of Special Education Programs and Rehabilitative Services
U.S. Department of Education

SUMMARY OF INFORMATION ON THE SUPPLY OF AND DEMAND FOR PERSONNEL

IN 1984-85, states gathered data on the numbers of personnel employed and needed to fully serve children with handicapping conditions in the schools.

* The total number of special education teachers and speech pathologists employed in that year was 274,519. This total represents increases in the categories of mental retardation, learning disabilities, emotional disturbance, multihandicapped, speech impaired, deafness, and other health impaired.

* The numbers of teachers employed to serve children in each of the following categories declined from the previous year: orthopedically impaired, visually handicapped, and deaf-blind.

* The number of additional teachers and speech pathologists needed for full service was reported to be 22,852. The greatest number of teachers were needed to serve children identified as having learning disabilities, mental retardation, emotional disturbance, or speech/language impairments. Those categories of handicapping conditions reporting the highest proportions of teachers needed, relative to teachers presently employed, were: emotionally disturbed, other health impaired, visually handicapped, deaf, and deaf-blind.

* There were 219,737 personnel other than special education teachers and speech/language pathologists employed to serve children with handicaps in the schools.

* An additional 8,144 personnel other than teachers were reported as being needed to meet the educational needs of children and youth with handicaps. Teacher aides constituted the largest number of support personnel needed. The highest proportions of support personnel needed, relative to the numbers presently employed, were: physical therapists and occupational therapists.

* Although the numbers of special educators and other needed support personnel increased over the previous year, shortages of at least 5 percent were reported for all categories of special education teachers, and shortages of from 2 to 12.7 percent were reported for other personnel in special education.

PERSONNEL EMPLOYED AND NEEDED

To meet the goal of providing free and appropriate educational opportunity to all handicapped children, trained personnel are needed to serve this population. This section provides numbers of special education teachers and other

personnel employed and needed by states in school year 1984-85 and compares these data with numbers collected previously. This information differed in several ways from information collected previously.

First, counts of special education teachers were collected by the setting in which the teachers provided services. For school year 1984-85, states reported separate counts of teachers employed and needed in separate classes, resource rooms, itinerant/consulting positions, and home-hospital settings. (See Tables ED1 and ED2.)

Second, as in previous years, special education teachers were reported in full-time equivalency (FTE) of assignment and were categorized by the handicapping condition of the children they served. Unlike previous years, counts of noncategorical teachers, working teachers with children of different handicapping conditions, were not collected separately. Instead, the time teachers worked was apportioned and counted according to the handicapping condition served.

Third, the categories of personnel other than special education teachers who serve handicapped children were modified. Data requirements for school year 1984-85 called for counts of counselors and state education agencies (SEA) supervisors/administrators, counts that were not previously collected separately. Also, counts of speech pathologists were not collected separately; these counts were included with those of teachers of the speech or language impaired. The remaining categories of personnel were unchanged.

Finally, states were for the first time required to provide two sets of information on the number of personnel needed. For one set of data, states were to provide counts of personnel needed for the 1984-85 school year. Included in these figures were:

* The number of vacancies that occurred from July 1, 1984, through February 1, 1985, even if they were subsequently filled; and

* The number of additional personnel who were needed from July 1, 1984, through February 1, 1985, to fill positions occupied by persons who were not appropriately and adequately prepared or trained. (For this second set of data, states were to provide counts of additional personnel needed to provide improved services.)

States reported that the number of special education teachers employed increased between 1983-84 and 1984-85. In comparisons of data for these years, counts of speech pathologists were added to counts of special education teachers for 1983-84 to make these data comparable to those for 1984-85. With this adjustment, the number of special education teachers increased from 268,629 to 274,519, an increase of 2 percent. Although counts of special education teachers were reported according to teaching environments for 1984-85, responses to OSEP's follow-up effort indicated that these counts were comparable to counts collected previously; i.e., counts of home-hospital teachers were typically subsumed under the total special education teacher counts.

For the 10 handicapping conditions served by special education teachers employed, seven categories increased in the number employed from 1983-84 to 1984-85, while three categories decreased. The number of teachers employed increased for

the following handicapping categories: mentally retarded, learning disabled, emotionally disturbed, multihandicapped, speech impaired, hard of hearing and deaf, and other health impaired. The number of teachers employed decreased for the following categories: orthopedically handicapped, visually handicapped, and deaf-blind.

Generally, for the 1984-85 school year, the increases and decreases in the numbers of special education teachers employed, by category, did not correspond to changes in counts of children served by handicapping conditions. For example, the increase in the numbers of teachers of the mentally retarded was accompanied by a decrease in the number of students reported in this category. This may be related to the elimination of the noncategorical option from the reporting form and changing definitions and policies at the state level in 1984-85.

The data show reduced numbers of special education teachers in some handicapping categories during 1984-85; however, 53 states and insular areas reported that 22,852 additional teachers were needed to fill vacancies and replace uncertified staff. As shown in Table 11, the categories of special education teachers reported by states as the most needed paralleled the relative prevalence of handicapping conditions. Specifically, states reported that the greatest proportional increase needed was for teachers to serve learning disabled, mentally retarded, emotionally disturbed, and speech or language impaired students. These four categories accounted for 84 percent of all teachers needed and for 93 percent of students served under Chapter 1 of ECIA (SOP) and EHA-B. Twelve percent of the teachers were needed for the other health impaired, hard of hearing and deaf, and multihandicapped, while 5 percent of all students served were so categorized. Teachers needed to serve visually handicapped, orthopedically impaired, and deaf-blind together constituted less than 3 percent of all teachers needed, while 2 percent of the students served had these handicapping conditions.

The total number of personnel other than special education teachers employed increased between 1983-84 and 1984-85. In making comparisons between these two years, counts of speech pathologists were omitted from the 1983-84 data because these counts were not collected separately in 1984-85. Also, counts of counselors were omitted from the 1984-85 figures because, based on responses from OSEP's follow-up effort, most states did not report counselors for previous years. Counts of SEA supervisors/administrators, however, were included because most states, again according to OSEP's follow-up, subsumed this count within other personnel categories in previous years. The adjusted totals for numbers of personnel other than special education teachers employed were 205,517 in 1983-84 and 219,737 in 1984-85, an increase of 7 percent.

Categories of personnel employed that increased over the two years included: teachers' aides, psychologists, school social workers, diagnostic staff, occupational therapists, physical therapists, audiologists, and recreational therapists. The category of supervisors/administrators, labeled simply supervisors in 1983-84, also increased. The states and insular areas reported 925 SEA supervisors/administrators employed. Of personnel other than special education teachers, fewer physical education teachers, work-study coordinators, and other non-instructional staff were employed in the 1984-85 school year than in 1983-84.

Fifty-five states and insular areas indicated that an increase of 8,144 staff in all categories of personnel other than special education teachers was needed to fill vacancies and replace noncertified staff in 1984-85. Table 13 shows this

need relative to the number employed for each category. In proportion to the number of personnel employed, physical therapists and occupational therapists were the most needed personnel, followed by SEA supervisors/administrators.

Based on the responses received from 55 states and insular areas, most special education teachers (47 percent) provided services in special classes. Thirty-seven percent of special education teachers provided services in resource rooms. In the remaining two environments, itinerant/consulting and home-hospital, 13 percent of special educators provided services in itinerant/consulting environments and 3 percent in home-hospital environments.

Responses from 53 states and insular areas indicated that 47 percent of personnel needed to fill vacancies and replace noncertified and nonlicensed staff were needed for special classes. Thirty-nine percent were needed to provide services in resource rooms. Finally, 12 percent were needed to provide services as itinerant/consulting teachers and 2 percent as home-hospital teachers. These data indicate that teachers are needed in almost exactly the same proportions in each setting as those in which they are currently employed.

The tables on the following pages present state-specific information on special education teachers and other school staff employed and needed in 1984-85 to serve children with handicapping conditions.

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TABLE 11

Number of Special Education Teachers Employed and Needed by Handicapping Condition During School Year 1984-85[a/]

Handicapping Condition	Employed	Needed	Percent Needed as a Percent of Employed	Percent of Total Needed
Learning Disabled	102,395	7,800	7.6	34.1
Mentally Retarded	61,832	4,671	7.6	20.4
Emotionally Disturbed	32,027	4,322	13.5	18.9
Speech or Language Impaired	36,612	2,511	6.9	11.0
Hard-of-Hearing and Deaf	7,992	773	9.7	3.4
Multihandicapped	8,637	618	7.2	2.7
Orthopedically Impaired	4,240	243	5.7	1.1
Other Health Impaired	10,445	1,299	12.4	5.7
Visually Handicapped	2,995	296	9.9	1.3
Deaf-Blind	396	38	9.6	0.2
Total teachers[b/]	274,519	22,852	8.4	98.8

a/ Personnel needed included:
(1) number of vacancies that occurred; and
(2) number of additional personnel needed to fill noncertified or nonlicensed staff.

b/ The number of total teachers does not equal the sum of teachers by handicapping condition because the total includes counts of teachers not categorized by the States by handicapping condition. Percentages are based on data provided by handicapping condition; that is, the total number employed is 267,571 and the total number needed is 22,571.

TABLE 13

Number of Special Education Personnel Other Than Teachers Employed and Needed During School Year 1984-85[a/]

Type of Personnel	Employed	Needed	Percent Needed of Employed	Percent of Total Needed
Teacher aides	112,330	4,086	3.6	50.2
Other non-instructional staff[b/]	39,593	835	2.1	10.3
Psychologists	16,249	586	3.6	7.2
Supervisors/administrators	13,841	474	3.4	5.8
School social workers	8,027	397	4.9	4.9
Diagnostic staff	6,790	344	5.1	4.2
Counselors	6,284	158	2.5	1.9
Vocational education teachers	5,339	273	5.1	3.4
Physical education teachers	3,377	172	5.1	2.1
Occupational therapists	2,886	293	10.2	3.6
Physical therapists	2,234	284	12.7	3.5
Work-study coordinators	1,515	55	3.6	0.7
Audiologists	966	62	6.4	0.8
Supervisors/administrators (SEA)	925	73	7.9	0.9
Recreational therapists	616	42	6.8	0.5
All staff[c/]	226,021	8,144	3.7	100.0

a/ Personnel needed included:
(1) number of vacancies that occurred;
(2) number of additional personnel needed to fill noncertified or nonlicensed staff.

b/ Includes staff involved in health services (nurses, psychiatrists, etc.), food service, maintenance, pupil transportation, etc.

c/ The number of all staff does not equal the sum of personnel other than teachers by type of personnel because the number of staff includes counts of personnel that were not reported by type of personnel. Percentage needed of employed for all staff is only based on data provided by personnel type; that is, the total number employed is 220,972 and the total number needed is 8,134.

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Table EDI

NUMBER OF SPECIAL EDUCATION TEACHERS EMPLOYED AND NEEDED
FOR SCHOOL YEAR 1984–1985

BY HANDICAPPING CONDITION

STATE	ALL CONDITIONS		LEARNING DISABLED		SPEECH IMPAIRED		MENTALLY RETARDED		EMOTIONALLY DISTURBED	
	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED
ALABAMA	4,539	451	1,137	171	425	3	2,262	169	323	77
ALASKA	789	134	426	76	168	27	81	14	39	4
ARIZONA	3,363	298	1,598	141	388	30	550	39	363	29
ARKANSAS	2,592	277	1,117	111	419	46	949	89	48	9
CALIFORNIA	18,992	0	10,940	0	426	0	3,106	0	962	0
COLORADO	3,485	3	1,259	2	381	1	659	0	652	0
CONNECTICUT	3,984	281	1,765	74	565	41	935	18	485	43
DELAWARE	1,165	36	552	36	72	2	183	16	264	24
DISTRICT OF COLUMBIA	665	42	235	5	118	5	118	5	94	5
FLORIDA	9,720	966	3,038	274	1,396	91	2,238	228	2,034	321
GEORGIA	6,517	1,495	1,715	344	763	176	2,044	383	1,388	488
HAWAII	889	12	429	3	128	6	116	2	43	0
IDAHO	1,921	222	561	0	121	0	236	0	37	0
ILLINOIS	18,438	187	5,177	32	1,976	31	3,348	23	2,360	40
INDIANA	6,247	659	2,804	177	769	80	2,244	248	609	77
IOWA	5,148	451	2,846	231	594	12	1,262	79	625	76
KANSAS	3,833	56	930	16	418	4	539	0	413	22
KENTUCKY	3,488	454	1,893	177	463	43	1,187	162	251	27
LOUISIANA	6,987	1,816	2,931	964	1,891	69	1,357	497	692	266
MAINE	2,952	53	849	20	222	0	745	5	410	20
MARYLAND	5,868	286	2,551	108	984	39	935	62	514	25
MASSACHUSETTS	9,387	427	2,255	151	1,469	98	1,354	99	875	59
MICHIGAN	18,992	1,515	3,882	482	1,325	178	3,181	516	2,972	212
MINNESOTA	6,124	186	2,759	35	982	1	1,562	11	566	40
MISSISSIPPI	2,906	152	1,387	54	431	37	1,057	46	25	2
MISSOURI	5,420	686	2,294	252	938	149	1,347	121	841	53
MONTANA	942	4	–	0	–	0	–	0	–	0
NEBRASKA	1,717	5	640	0	325	5	554	0	199	0
NEVADA	877	116	515	39	111	15	112	23	60	5
NEW HAMPSHIRE	1,102	70	479	15	192	33	197	8	139	7
NEW JERSEY	11,443	406	4,733	168	1,817	58	1,947	72	1,730	62
NEW MEXICO	1,807	359	654	141	492	112	193	36	257	35
NEW YORK	27,244	4,383	7,238	1,252	2,368	318	2,799	384	5,847	989
NORTH CAROLINA	5,898	477	1,962	116	870	75	2,046	138	547	102
NORTH DAKOTA	876	77	273	38	208	16	256	4	41	10
OHIO	13,171	584	4,771	133	1,122	53	4,929	110	963	131
OKLAHOMA	3,249	239	1,424	93	378	33	1,022	67	153	23
OREGON	1,986	109	586	36	583	24	393	30	98	8
PENNSYLVANIA	11,328	600	3,871	224	1,420	68	3,224	147	1,570	107
PUERTO RICO	1,932	0	168	0	37	0	1,208	0	109	0
RHODE ISLAND	1,102	22	689	10	133	3	112	1	73	5
SOUTH CAROLINA	4,033	955	1,153	361	587	104	1,629	294	364	113
SOUTH DAKOTA	632	182	–	0	–	0	–	0	–	0
TENNESSEE	4,615	125	2,084	75	775	10	1,025	26	169	3
TEXAS	17,862	367	8,368	29	5,516	42	1,554	50	1,144	157
UTAH	2,004	141	616	42	214	16	285	24	444	38
VERMONT	484	30	171	0	2	28	221	2	35	0
VIRGINIA	5,925	155	2,840	51	759	19	1,165	7	598	46
WASHINGTON	3,747	470	1,660	205	415	67	946	109	182	61
WEST VIRGINIA	2,880	1,290	1,019	548	485	143	957	348	259	201
WISCONSIN	6,228	654	1,947	278	1,234	79	1,456	18	1,061	272
WYOMING	766	62	496	31	124	18	101	6	65	9
AMERICAN SAMOA	29	4	5	1	2	0	15	2	0	0
GUAM	164	33	92	10	12	0	71	20	4	0
NORTHERN MARIANAS	–	–	–	–	–	–	–	–	–	–
TRUST TERRITORIES	–	–	–	–	–	–	–	–	–	–
VIRGIN ISLANDS	–	–	–	–	–	–	–	–	–	–
BUR. OF INDIAN AFFAIRS	0	97	–	26	–	20	–	23	–	18
U.S. & INSULAR AREAS	274,519	22,952	102,395	7,800	36,612	2,511	61,832	4,671	32,027	4,322
50 STATES, D.C. & P.R.	274,326	22,718	102,338	7,763	36,598	2,491	61,746	4,626	32,023	4,304

THE TOTAL FTE FOR THE U.S. & INSULAR AREAS AND THE 50 STATES, D.C., AND PUERTO RICO MAY NOT EQUAL THE SUM OF THE U.S. & INSULAR AREAS BECAUSE OF ROUNDING.

THE TOTALS MAY NOT SUM BECAUSE SOME STATES ONLY REPORTED TOTALS FOR TEACHERS INSTEAD OF REPORTING BY INDIVIDUAL CATEGORIES.

DATA AS OF OCTOBER 1, 1986.

Table ED1

NUMBER OF SPECIAL EDUCATION TEACHERS EMPLOYED AND NEEDED
FOR SCHOOL YEAR 1984–1985

BY HANDICAPPING CONDITION

STATE	HARD OF HEARING & DEAF		MULTIHANDICAPPED		ORTHOPEDICALLY IMPAIRED		OTHER HEALTH IMPAIRED		VISUALLY HANDICAPPED	
	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED
ALABAMA	85	4	122	8	36	5	31	10	37	3
ALASKA	26	4	29	5	10	1	4	1	6	2
ARIZONA	150	18	149	9	25	1	80	6	60	8
ARKANSAS	77	4	40	11	5	0	6	1	30	5
CALIFORNIA	458	0	776	0	488	0	236	0	145	0
COLORADO	150	0	247	0	64	0	0	0	37	0
CONNECTICUT	58	2	1	4	48	1	15	0	20	1
DELAWARE	31	2	8	2	33	1	2	1	11	1
DISTRICT OF COLUMBIA	13	0	35	8	9	0	23	4	13	2
FLORIDA	319	12	–	0	190	17	342	18	153	14
GEORGIA	258	38	0	0	85	32	155	9	107	24
HAWAII	25	0	23	1	32	0	–	0	10	0
IDAHO	43	222	4	0	0	0	8	0	12	0
ILLINOIS	730	3	179	5	333	0	–	0	262	0
INDIANA	187	13	169	22	78	7	4	21	88	14
IOWA	157	7	136	40	266	0	0	0	51	0
KANSAS	98	2	659	0	14	0	21	2	40	4
KENTUCKY	359	16	100	16	20	4	43	4	45	5
LOUISIANA	291	16	117	15	85	35	233	25	101	19
MAINE	61	5	310	0	140	0	200	0	10	0
MARYLAND	182	2	462	20	68	3	56	1	106	7
MASSACHUSETTS	89	6	148	9	70	5	89	6	38	3
MICHIGAN	428	87	248	2	–	0	395	49	132	42
MINNESOTA	177	3	0	0	52	2	28	12	55	2
MISSISSIPPI	33	2	9	0	7	4	0	0	4	7
MISSOURI	–	19	1	0	70	6	0	0	23	4
MONTANA	–	0	–	0	–	0	–	0	–	0
NEBRASKA	66	0	–	0	–	0	–	0	23	0
NEVADA	22	3	36	3	7	1	8	4	7	0
NEW HAMPSHIRE	16	0	44	2	5	0	9	1	15	3
NEW JERSEY	204	8	787	31	98	2	184	4	33	0
NEW MEXICO	55	4	59	10	15	5	63	16	18	0
NEW YORK	970	130	1,278	181	233	31	6,954	1,050	357	48
NORTH CAROLINA	–	7	174	25	59	3	122	15	52	4
NORTH DAKOTA	32	4	–	0	34	2	13	0	15	2
OHIO	323	11	524	54	444	6	0	0	95	6
OKLAHOMA	78	3	135	17	27	0	10	0	14	2
OREGON	97	6	26	1	137	3	110	0	30	1
PENNSYLVANIA	532	25	323	13	187	3	0	0	188	14
PUERTO RICO	88	0	248	0	11	0	12	0	35	0
RHODE ISLAND	26	3	13	0	2	0	46	1	7	0
SOUTH CAROLINA	128	25	46	7	67	22	62	8	76	18
SOUTH DAKOTA	–	0	–	0	–	0	–	0	–	0
TENNESSEE	97	2	143	2	83	2	164	4	45	1
TEXAS	213	24	204	16	220	15	462	11	106	10
UTAH	113	1	167	9	38	6	9	1	77	1
VERMONT	20	8	19	0	7	0	7	0	1	0
VIRGINIA	193	0	210	32	52	0	29	0	75	0
WASHINGTON	115	7	191	10	36	1	172	3	16	0
WEST VIRGINIA	92	19	3	0	46	11	31	11	58	16
WISCONSIN	–	1	–	0	226	3	–	0	49	3
WYOMING	21	2	25	0	12	3	5	0	7	1
AMERICAN SAMOA	1	1	4	0	0	0	0	0	0	0
GUAM	0	0	14	3	1	0	2	0	1	0
NORTHERN MARIANAS	–	–	–	–	–	–	–	–	–	–
TRUST TERRITORIES	–	–	–	–	–	–	–	–	–	–
VIRGIN ISLANDS	–	–	–	–	–	–	–	–	–	–
BUR. OF INDIAN AFFAIRS	–	0	–	10	–	0	–	0	–	0
U.S. & INSULAR AREAS	7,992	773	8,637	618	4,240	243	10,445	1,299	2,995	296
50 STATES, D.C. & P.R.	7,985	772	8,619	605	4,239	243	10,443	1,299	2,994	296

THE TOTAL FTE FOR THE U.S. & INSULAR AREAS AND THE 50 STATES, D.C., AND PUERTO RICO MAY NOT EQUAL THE SUM OF THE U.S. & INSULAR AREAS BECAUSE OF ROUNDING.

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DATA AS OF OCTOBER 1, 1986.

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Table ED1

NUMBER OF SPECIAL EDUCATION TEACHERS EMPLOYED AND NEEDED FOR SCHOOL YEAR 1984–1985

BY HANDICAPPING CONDITION

	←DEAF-BLIND→	
STATE	EMPLOYED	NEEDED
ALABAMA	3	2
ALASKA	2	0
ARIZONA	1	0
ARKANSAS	1	0
CALIFORNIA	33	0
COLORADO	5	0
CONNECTICUT	0	1
DELAWARE	9	1
DISTRICT OF COLUMBIA	5	0
FLORIDA	9	0
GEORGIA	1	0
HAWAII	1	0
IDAHO	0	0
ILLINOIS	–	0
INDIANA	5	0
IOWA	11	5
KANSAS	–	0
KENTUCKY	0	0
LOUISIANA	9	0
MAINE	5	0
MARYLAND	9	0
MASSACHUSETTS	6	0
MICHIGAN	0	0
MINNESOTA	3	0
MISSISSIPPI	0	0
MISSOURI	15	2
MONTANA	–	0
NEBRASKA	–	0
NEVADA	0	3
NEW HAMPSHIRE	5	0
NEW JERSEY	18	1
NEW MEXICO	1	1
NEW YORK	0	0
NORTH CAROLINA	4	0
NORTH DAKOTA	5	1
OHIO	0	0
OKLAHOMA	10	1
OREGON	6	0
PENNSYLVANIA	15	0
PUERTO RICO	16	0
RHODE ISLAND	0	0
SOUTH CAROLINA	1	2
SOUTH DAKOTA	–	0
TENNESSEE	30	0
TEXAS	75	13
UTAH	41	3
VERMONT	1	0
VIRGINIA	4	0
WASHINGTON	13	0
WEST VIRGINIA	10	1
WISCONSIN	4	0
WYOMING	0	0
AMERICAN SAMOA	2	0
GUAM	1	0
NORTHERN MARIANAS	–	–
TRUST TERRITORIES	–	–
VIRGIN ISLANDS	–	–
BUR. OF INDIAN AFFAIRS	–	0
U.S. & INSULAR AREAS	396	38
50 STATES, D.C. & P.R.	393	38

THE TOTAL FTE FOR THE U.S. & INSULAR AREAS AND THE 50 STATES, D.C., AND PUERTO RICO MAY NOT EQUAL THE SUM OF THE U.S. & INSULAR AREAS BECAUSE OF ROUNDING.

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DATA AS OF OCTOBER 1, 1986.

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SCHOOL STAFF OTHER THAN SPECIAL EDUCATION TEACHERS EMPLOYED AND NEEDED TO SERVE HANDICAPPED CHILDREN FOR SCHOOL YEAR 1984-85

STATE	ALL STAFF		SCHOOL SOCIAL WORKERS		OCCUPATIONAL THERAPISTS		RECREATIONAL THERAPISTS		PHYSICAL THERAPISTS	
	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED
ALABAMA	2,066	18	20	0	19	0	2	0	7	3
ALASKA	896	62	3	0	20	2	2	0	27	2
ARIZONA	2,599	289	77	4	31	6	1	0	13	5
ARKANSAS	649	67	3	0	4	2	2	0	6	1
CALIFORNIA	27,851	0	223	0	31	0	0	0	31	0
COLORADO	2,940	9	288	0	116	4	10	0	46	5
CONNECTICUT	1,842	224	325	28	29	3	4	0	27	4
DELAWARE	798	54	11	0	15	11	2	0	9	6
DISTRICT OF COLUMBIA	684	33	46	2	12	1	7	0	7	0
FLORIDA	9,096	251	207	6	127	5	9	-	79	4
GEORGIA	4,199	493	220	12	44	7	26	0	52	15
HAWAII	887	15	44	0	21	6	0	0	17	0
IDAHO	806	0	36	0	10	0	6	0	1	0
ILLINOIS	14,232	92	1,157	18	212	13	17	-	157	20
INDIANA	5,706	552	128	17	73	16	55	2	80	20
IOWA	3,192	33	220	0	56	2	13	0	43	4
KANSAS	3,150	29	99	1	38	2	-	0	24	2
KENTUCKY	2,695	244	40	3	28	4	19	0	40	4
LOUISIANA	9,046	30	210	0	72	0	6	0	36	0
MAINE	2,667	178	108	10	14	10	3	0	17	10
MARYLAND	4,804	282	94	7	110	11	16	1	85	16
MASSACHUSETTS	5,859	389	460	11	49	5	0	0	29	2
MICHIGAN	7,840	918	829	169	251	27	0	8	154	13
MINNESOTA	4,944	2	345	0	141	0	4	0	49	0
MISSISSIPPI	1,216	133	31	5	2	2	0	0	12	4
MISSOURI	2,713	41	60	0	40	4	0	0	27	1
MONTANA	624	12	5	2	4	3	2	0	6	2
NEBRASKA	1,834	0	13	0	14	0	0	0	25	0
NEVADA	580	49	2	0	6	2	1	0	7	2
NEW HAMPSHIRE	1,762	131	33	0	69	6	14	0	26	4
NEW JERSEY	13,088	393	983	34	104	11	19	2	112	13
NEW MEXICO	2,549	17	47	-	84	0	3	-	55	1
NEW YORK	14,749	0	-	-	-	-	-	-	-	-
NORTH CAROLINA	4,361	376	73	14	76	15	28	5	64	8
NORTH DAKOTA	620	8	41	1	32	2	3	0	27	1
OHIO	5,995	312	50	8	157	17	24	0	121	13
OKLAHOMA	1,976	112	46	2	19	1	2	9	30	2
OREGON	3,816	188	21	7	24	1	5	0	24	4
PENNSYLVANIA	10,197	361	158	2	124	4	145	0	137	15
PUERTO RICO	1,339	9	70	0	8	1	1	0	0	0
RHODE ISLAND	1,246	10	69	2	11	3	0	0	14	0
SOUTH CAROLINA	3,047	415	64	19	18	7	97	3	21	10
SOUTH DAKOTA	724	106	8	5	6	2	0	0	10	5
TENNESSEE	3,819	3	75	0	25	0	15	0	60	0
TEXAS	12,860	189	168	0	128	15	45	4	42	10
UTAH	1,068	116	69	3	12	4	1	0	13	4
VERMONT	767	3	11	0	5	0	2	0	3	0
VIRGINIA	5,233	0	304	0	89	0	3	0	78	0
WASHINGTON	3,436	574	30	0	107	45	0	0	79	28
WEST VIRGINIA	1,741	185	6	1	10	3	0	0	24	5
WISCONSIN	4,253	22	340	3	159	3	-	0	170	1
WYOMING	785	85	45	3	24	3	0	0	2	1
AMERICAN SAMOA	24	0	1	-	0	-	0	-	0	-
GUAM	185	0	3	0	4	0	2	0	4	2
NORTHERN MARIANAS	-	-	-	-	-	-	-	-	-	-
TRUST TERRITORIES	-	-	-	-	-	-	-	-	-	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-
BUR. OF INDIAN AFFAIRS	779	139	18	7	3	4	1	2	4	1
U.S. & INSULAR AREAS	226,021	8,144	8,027	397	2,886	293	616	42	2,234	284
50 STATES, D.C. & P.R.	225,833	8,005	8,013	390	2,879	289	613	40	2,226	277

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Table ED2

SCHOOL STAFF OTHER THAN SPECIAL EDUCATION TEACHERS EMPLOYED AND NEEDED TO SERVE HANDICAPPED CHILDREN FOR SCHOOL YEAR 1984-85

STATE	TEACHER AIDES		PHYSICAL EDUCATION TEACHERS		SUPERVISORS/ ADMINISTRATORS		OTHER NON-INSTRUCTIONAL STAFF		PSYCHOLOGISTS	
	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED
ALABAMA	958	4	76	8	140	4	438	1	180	8
ALASKA	461	39	4	2	32	2	219	8	48	5
ARIZONA	1,298	224	50	2	116	12	503	11	211	16
ARKANSAS	294	35	2	0	94	2	175	20	5	1
CALIFORNIA	17,954	0	411	0	429	0	2,103	0	2,116	0
COLORADO	1,456	0	9	0	174	1	437	0	304	0
CONNECTICUT	295	118	32	0	125	24	356	13	397	24
DELAWARE	388	22	15	0	41	0	112	3	70	3
DISTRICT OF COLUMBIA	131	12	18	2	68	1	284	6	68	3
FLORIDA	4,218	147	125	4	615	22	1,770	25	445	7
GEORGIA	1,949	358	44	9	366	8	648	32	347	17
HAWAII	320	0	7	0	13	0	270	0	7	2
IDAHO	517	0	2	0	62	0	48	0	107	0
ILLINOIS	6,758	3	109	2	544	22	2,988	3	1,076	5
INDIANA	2,866	188	46	13	532	52	2,078	183	350	29
IOWA	1,323	0	13	0	333	7	617	0	347	4
KANSAS	2,378	16	21	1	97	1	88	5	326	1
KENTUCKY	1,039	133	105	3	186	11	655	59	87	8
LOUISIANA	4,250	0	299	0	254	0	3,069	0	294	0
MAINE	798	0	6	25	197	2	725	0	24	3
MARYLAND	2,155	91	107	7	244	12	1,471	40	160	7
MASSACHUSETTS	3,334	265	94	3	308	11	1,111	64	369	19
MICHIGAN	4,545	345	73	7	503	59	321	97	753	111
MINNESOTA	2,593	0	159	2	206	0	358	0	308	0
MISSISSIPPI	447	50	13	2	148	6	104	15	40	10
MISSOURI	1,827	0	0	0	177	7	90	6	26	0
MONTANA	425	0	9	0	39	1	3	1	108	2
NEBRASKA	807	0	0	0	38	0	0	0	34	0
NEVADA	348	26	10	1	19	2	64	1	78	7
NEW HAMPSHIRE	767	72	36	4	103	9	272	5	89	9
NEW JERSEY	3,592	172	213	13	725	15	2,469	14	965	35
NEW MEXICO	1,010	-	51	-	123	0	590	-	34	2
NEW YORK	6,727	-	-	-	2,744	-	3,213	-	2,064	-
NORTH CAROLINA	2,238	189	20	3	272	19	971	51	250	27
NORTH DAKOTA	361	0	5	0	74	0	-	0	32	3
OHIO	2,266	133	125	8	372	26	1,570	29	861	45
OKLAHOMA	613	54	233	5	124	2	606	20	81	5
OREGON	1,121	101	38	1	150	16	1,433	12	110	3
PENNSYLVANIA	5,130	221	111	5	874	39	2,344	29	584	31
PUERTO RICO	658	1	63	0	100	0	136	2	10	5
RHODE ISLAND	452	1	91	0	45	2	254	0	109	0
SOUTH CAROLINA	1,402	258	118	9	226	30	617	20	208	31
SOUTH DAKOTA	340	81	27	2	51	7	0	0	17	1
TENNESSEE	2,000	0	130	0	210	2	730	0	255	0
TEXAS	8,760	100	52	5	612	10	978	0	305	5
UTAH	642	91	8	1	74	1	66	-	131	6
VERMONT	95	0	13	0	67	1	197	0	29	0
VIRGINIA	2,713	0	51	0	225	0	1,064	0	384	0
WASHINGTON	2,136	383	61	18	188	15	336	32	248	52
WEST VIRGINIA	884	94	14	2	113	6	392	16	127	25
WISCONSIN	1,995	0	35	5	195	1	-	0	632	9
WYOMING	354	29	13	1	28	4	94	8	36	2
AMERICAN SAMOA	7	-	1	-	0	-	5	-	0	-
GUAM	188	0	1	0	3	0	37	0	18	0
NORTHERN MARIANAS	-	-	-	-	-	-	-	-	-	-
TRUST TERRITORIES	-	-	-	-	-	-	-	-	-	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-
BUR. OF INDIAN AFFAIRS	209	40	7	5	49	4	120	40	12	7
U.S. & INSULAR AREAS	112,330	4,086	3,377	172	13,841	474	39,593	835	16,249	586
50 STATES, D.C. & P.R.	112,886	4,046	3,368	167	13,789	470	39,430	795	16,227	579

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STATE	DIAGNOSTIC STAFF		AUDIOLOGISTS		WORK-STUDY COORDINATORS		VOCATIONAL EDUCATION TEACHERS		COUNSELORS	
	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED
ALABAMA	19	0	31	1	1	0	134	0	23	2
ALASKA	14	1	4	0	14	1	7	0	41	4
ARIZONA	30	1	11	0	29	2	44	1	173	4
ARKANSAS	64	5	2	0	2	0	8	0	7	2
CALIFORNIA	40	0	167	0	0	0	70	0	0	0
COLORADO	0	0	24	0	74	0	2	0	2	0
CONNECTICUT	31	4	9	0	17	4	33	3	162	0
DELAWARE	49	1	2	0	4	1	36	5	34	2
DISTRICT OF COLUMBIA	4	2	1	0	3	0	5	1	12	0
FLORIDA	484	18	28	–	34	2	259	12	671	–
GEORGIA	51	8	34	2	28	4	158	8	203	1
HAWAII	163	6	3	1	7	0	7	0	0	0
IDAHO	5	0	4	0	2	0	2	0	1	0
ILLINOIS	126	–	42	–	–	–	51	2	852	–
INDIANA	27	5	33	4	41	2	97	19	100	2
IOWA	1	0	73	8	118	0	16	8	1	0
KANSAS	–	0	16	0	–	0	39	0	16	1
KENTUCKY	90	6	2	0	20	0	164	6	146	8
LOUISIANA	337	30	15	0	30	0	58	0	15	0
MAINE	165	20	10	5	70	0	126	72	388	21
MARYLAND	64	2	32	4	60	0	162	5	44	3
MASSACHUSETTS	0	0	0	0	0	0	88	10	11	1
MICHIGAN	80	90	18	2	56	6	150	7	0	0
MINNESOTA	209	0	12	0	166	0	375	0	1	0
MISSISSIPPI	80	10	4	2	3	2	82	4	198	15
MISSOURI	360	18	10	0	0	0	0	0	96	4
MONTANA	0	0	6	0	7	0	8	1	2	0
NEBRASKA	77	0	0	0	0	0	0	0	3	0
NEVADA	11	1	3	2	7	0	5	5	15	10
NEW HAMPSHIRE	39	0	1	0	15	0	72	13	219	13
NEW JERSEY	1,565	29	30	2	158	0	564	26	1,397	27
NEW MEXICO	126	2	11	2	4	–	37	–	2	–
NEW YORK	–	–	–	–	–	–	–	–	–	–
NORTH CAROLINA	42	12	33	4	8	1	84	9	131	10
NORTH DAKOTA	0	0	5	0	0	0	33	0	0	–
OHIO	46	8	31	4	222	16	150	11	0	0
OKLAHOMA	67	5	17	0	27	0	94	4	0	0
OREGON	62	4	12	4	68	5	217	6	517	15
PENNSYLVANIA	128	7	33	1	88	4	164	2	150	1
PUERTO RICO	5	0	2	0	0	0	262	0	8	0
RHODE ISLAND	49	1	3	0	14	0	15	0	104	0
SOUTH CAROLINA	23	2	8	3	6	1	161	14	64	6
SOUTH DAKOTA	3	1	1	1	5	0	35	1	11	0
TENNESSEE	60	0	20	1	15	0	100	0	100	0
TEXAS	1,288	20	12	2	5	0	465	3	0	5
UTAH	10	0	13	3	2	1	17	0	8	0
VERMONT	17	0	16	0	15	0	23	0	262	0
VIRGINIA	82	0	12	0	32	0	165	0	0	0
WASHINGTON	64	0	91	0	15	0	68	0	19	0
WEST VIRGINIA	78	11	6	4	10	2	57	9	11	0
WISCONSIN	360	0	4	0	0	0	305	0	10	0
WYOMING	74	9	9	0	4	0	51	2	49	3
AMERICAN SAMOA	5	–	0	–	0	–	2	–	0	–
GUAM	0	0	1	0	1	0	0	0	0	0
NORTHERN MARIANAS	–	–	–	–	–	–	–	–	–	–
TRUST TERRITORIES	–	–	–	–	–	–	–	–	–	–
VIRGIN ISLANDS	–	–	–	–	–	–	–	–	–	–
BUR. OF INDIAN AFFAIRS	17	5	2	1	2	2	5	5	6	10
U.S. & INSULAR AREAS	6,798	344	968	62	1,515	55	5,339	273	6,284	158
50 STATES, D.C. & P.R.	6,768	339	964	61	1,512	53	5,324	268	6,278	148

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STATE	SUPERVISORS/ ADMINISTRATORS (SEA) EMPLOYED	NEEDED
ALABAMA	18	3
ALASKA	0	0
ARIZONA	15	3
ARKANSAS	4	0
CALIFORNIA	7	0
COLORADO	0	0
CONNECTICUT	0	0
DELAWARE	2	0
DISTRICT OF COLUMBIA	18	3
FLORIDA	28	–
GEORGIA	30	4
HAWAII	8	0
IDAHO	3	0
ILLINOIS	66	–
INDIANA	0	0
IOWA	18	0
KANSAS	6	0
KENTUCKY	73	0
LOUISIANA	71	0
MAINE	16	0
MARYLAND	0	0
MASSACHUSETTS	0	0
MICHIGAN	0	0
MINNESOTA	20	0
MISSISSIPPI	52	0
MISSOURI	0	0
MONTANA	0	0
NEBRASKA	23	0
NEVADA	5	1
NEW HAMPSHIRE	10	0
NEW JERSEY	92	0
NEW MEXICO	9	–
NEW YORK	1	–
NORTH CAROLINA	71	10
NORTH DAKOTA	4	1
OHIO	0	3
OKLAHOMA	15	0
OREGON	14	1
PENNSYLVANIA	26	1
PUERTO RICO	16	0
RHODE ISLAND	16	0
SOUTH CAROLINA	13	4
SOUTH DAKOTA	10	0
TENNESSEE	24	0
TEXAS	0	10
UTAH	2	2
VERMONT	12	2
VIRGINIA	31	0
WASHINGTON	0	0
WEST VIRGINIA	0	0
WISCONSIN	40	0
WYOMING	4	1
AMERICAN SAMOA	2	–
GUAM	3	0
NORTHERN MARIANAS	–	–
TRUST TERRITORIES	–	–
VIRGIN ISLANDS	–	–
BUR. OF INDIAN AFFAIRS	6	0
U.S. & INSULAR AREAS	925	73
50 STATES, D.C. & P.R.	914	73

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